Material Safety Data Sheet

SDS date: 16-04-2018 **SDS version: 1.0**

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Trade Name: Glittertusch

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended uses: Glittertusch for hobby use.

1.3. Details of the supplier of the safety data sheet

Company and address:
Creotime.com
Rasmus Færchs Vej 23
7500 Holstebro
Tlf.: +45 96 13 30 10

Contact person and E-mail:
Tina Andresen, info@creotime.com

The Safety data sheet is completed and validated by:
mediator A/S, Centervej 2, DK-6000 Kolding. Consultant: KN

1.4. Emergency telephone number

NHS:111
Use your national or local emergency number - See section 4 “First aid measures”.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The product is not subject to labelling under CLP Regulation No. 1272/2008.

2.2. Label elements

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Signal word:

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2.3. Other hazards

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Additional labelling:

-

Additional warnings:

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SECTION 3: Composition/information on ingredients

3.1./3.2. Substances/Mixtures

Substance	EU-Index no.	Cas / EINECS no.	CLP-classification	w/w%	Note
Aluminium powder	013-002-00-1	7429-90-5 / 231-072-3	Flam. Sol. 1; H228, Water-react. 2; H261	2-5	-
The colors black and gray contains:					
Carbon black	-	1333-86-4 / 215-609-9	-	5-20	-

See full text of H-phrases in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Not relevant.

Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of discomfort.

Skin contact: Wash skin thoroughly with soap and water. Seek medical advice in case of persistent discomfort.

Eye contact: Flush with water (preferably using eye wash equipment) until irritation subsides. Remove contact lenses. Seek medical advice if symptoms persist.

Additional information: When obtaining medical advice, show the safety data sheet or label.

4.2. Most important symptoms and effects, both acute and delayed

May cause slight irritation to the skin and eyes.

4.3. Indication of any immediate medical attention and special treatment needed

No special immediate treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Surrounding fire: Extinguish with powder, foam or carbon dioxide. Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

The product is not directly flammable. Avoid inhalation of vapour and fumes – seek fresh air.

5.3. Advice for firefighters

If there is a risk of exposure to vapour and flue gases, a self-contained breathing apparatus must be worn.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No special requirements.

6.2. Environmental precautions

Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains.

6.3. Methods and material for containment and cleaning up

Sweep up/collect spills for possible reuse or transfer to suitable waste containers.

6.4. Reference to other sections
See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
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7.2. Conditions for safe storage, including any incompatibilities
Keep in tightly closed original packaging.

7.3. Specific end use(s)
See section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Occupational exposure limits according to EH40/2005 Workplace exposure limits (Second edition, 2011): -

Substance	Long-term exposure limit	Short-term exposure limit	Note
Aluminium metal - inhalable dust - respirable dust	 10 mg/m³ 4 mg/m³	-	-
Carbon black	3.5 mg/m³	7 mg/m³	-

DNEL and PNEC values:

DNEL – Aluminium powder:

Workers

Inhalation - Chronic Systemic	3,72 mg/m³
Inhalation - Chronic Local	3,72 mg/m³

Consumers

Oral - Chronic Systemic	3.95 mg/kg bw/day

DNEL – Carbon Black:

Workers

Inhalation - Chronic Systemic	2 mg/m³
Inhalation - Chronic Local	2 mg/m³

PNEC – Carbon Black:

Fresh water	5 mg/L
Marine water	5 mg/L

8.2. Exposure controls
There are no exposure scenarios for this product.

Appropriate engineering controls:

-

Personal protective equipment:

Breathing equipment:	Not required.
Hand protection:	Not required.
Eye protection:	Not required.
Body and skin protection:	Not required.

Environmental exposure controls:

Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Pen liquid
Odour:	-
Odour threshold:	-
pH:	-
Melting point/ Freezing Point (°C):	-
Initial boiling point and boiling range (°C):	-
Flash point (°C):	-
Evaporation rate:	-
Flammability (solid, gas)	-
Upper / lower flammability or explosion limits (vol-%):	-
Vapour pressure (mbar, 25 °C):	-
Vapour density (air=1)	-
Relative density (g/ml):	-
Solubility(ies):	-
Partition coefficient: n-octanol/water:	-
Auto-ignition temperature (°C):	-
Decomposition temperature (°C):	-
Viscosity (mPas, 25 °C):	-
Explosive properties:	-
Oxidising properties:	-

9.2. Other information

Content of solids (%):	-
Surface tension (mN/m, 25 °C):	-

SECTION 10: Stability and reactivity

10.1. Reactivity
Non-reactive.
10.2. Chemical stability
The product is stable when used in accordance with the supplier's directions.
10.3. Possibility of hazardous reactions
None known.
10.4. Conditions to avoid
Avoid heating.
10.5. Incompatible materials
None known.
10.6. Hazardous decomposition products
Product decomposes in fire conditions or when heated to high temperatures, and toxic gases such as CO_x may be released.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: Based on the existing data, the classification is not met.

Substance	Route of exposure	Species	Test	Result
Aluminium powder	Oral	Rat	LD50	15900 mg/kg bw
Aluminium powder	Inhalation	Rat	LC50 / 2 Hours	888 mg/m³ air
Carbon black	Oral	Rat	LD50	> 8000 mg/kg bw
Carbon black	Inhalation	Rat	LC50 / 2 Hours	> 4.6 mg/m³ air

Skin corrosion/irritation: May cause slight irritation.

Serious eye damage/irritation: May cause eye irritation.

Respiratory or skin sensitisation: Based on the existing data, the classification is not met.

Germ cell mutagenicity: Based on the existing data, the classification is not met.

Carcinogenicity: Based on the existing data, the classification is not met.

Reproductive toxicity: Based on the existing data, the classification is not met.

STOT-single exposure: Based on the existing data, the classification is not met.

STOT-repeated exposure: Based on the existing data, the classification is not met.

Aspiration hazard: Based on the existing data, the classification is not met.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Test duration	Species	Test	Result
Aluminium powder	96 Hours	Fish	LC50	1.5 - 2.56 mg/L
Aluminium powder	48 Hours	Daphnia	EC50	16.9 µg/L
Aluminium powder	72 Hours	Algae	EC50	> 10000 mg/L
Carbon black	48 Hours	Daphnia	EC50	> 5600 mg/L
Carbon black	72 Hours	Algae	EC50	> 10000 mg/L

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
No data	-	-	-

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
No data	-	-	-

12.4. Mobility in soil

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12.5. Results of PBT and vPvB assessment

The mixture does not meet the criteria for PBT or vPvB.

12.6. Other adverse effects

None.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The product is not classified as hazardous waste according to Waste Management. Disposal of spillage and waste via the municipal waste collection service with the specifications below is recommended.

EWC Code

20 01 99

Specific labelling

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Contaminated packaging:

Uncleansed packaging is to be disposed of via the local waste-removal scheme.

SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods by road and sea according to ADR and IMDG.

14.1 -14.4.

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14.5. Environmental hazards

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14.6. Special precautions for user

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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Sources:

EH40/2005 WELs (United Kingdom (UK), 8/2007).

Restrictions for application:

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Demands for specific education:

-

Additional labelling:

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15.2. Chemical safety assessment

None.

SECTION 16: Other information

Other information:
Sources:
EC regulation 1907/2006 (REACH).
Directive 2000/532/EC.
EC Regulation 1272/2008 (CLP).
Full text of H-phrases as mentioned in section 2+3:
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Classification according to Regulation (EC) Nr. 1272/2008:	
-	-

Abbreviations and acronyms used in the safety data sheet:
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals. Regulation (EC) No 1907/2006.
CLP: Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.
CAS-Number.: Chemical Abstracts Service number.
EC-Number.: EINECS and ELINCS Number (see also EINECS and ELINCS).
DNEL: Derived No Effect Level.
PNEC(s): Predicted No Effect Concentration(s).
STOT: Specific Target Organ Toxicity.
LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).
LC50: Lethal Concentration to 50 % of a test population.
EC50: The effective concentration of substance that causes 50% of the maximum response.
PBT: Persistent, Bioaccumulative and Toxic.
vPvB: Very Persistent and Very Bioaccumulative.
Other
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
Minor changes have been made in following sections:
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This material safety data sheet replaces version:
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